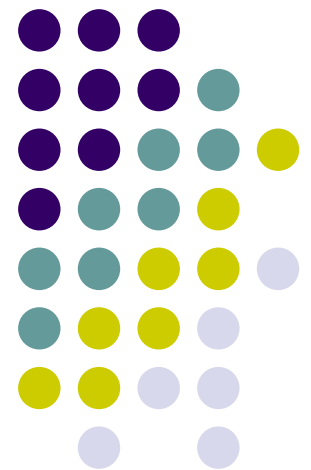
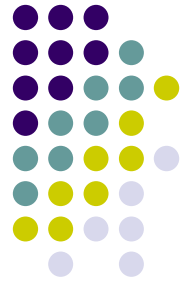


Construction Permitting Overview

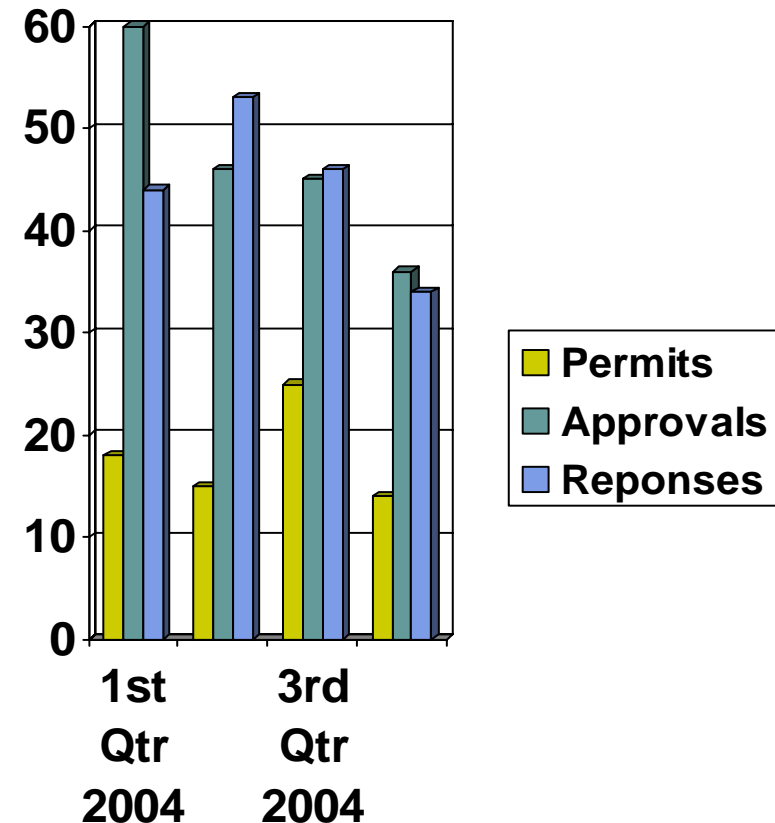
Kansas Department of Health
and Environment – Bureau of Air
and Radiation

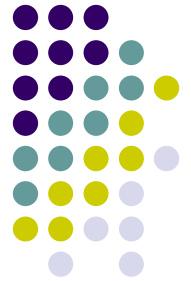


Types of Construction Documents Issued



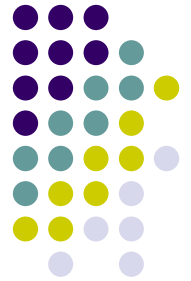
- Permits
- Approvals
- Responses





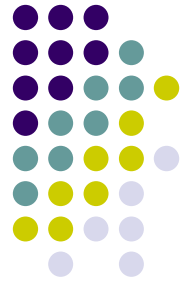
Types of Permits

- PSD (Prevention of Significant Deterioration K.A.R. 28-19-350)
- Emissions Increase Significant (K.A.R. 28-19-300(a)(1))
- Affected Facility (Acid Rain Source – K.A.R. 28-19-300(a)(2))
- Emissions Unit or Source is a major HAP Source (K.A.R. 28-19-300(a)(3))
- Emissions Unit is an Incinerator (K.A.R. 28-19-300(a)(4))
- KDHE has determined that emissions require permitting procedures be implemented



Types of Approvals Issued

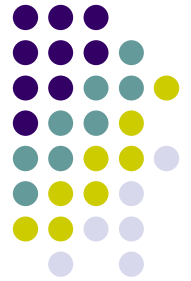
- Emissions greater than thresholds in K.A.R. 28-19-300(b)(1)
- KDHE has required approval because of nature or quantity of emissions
- Source is subject to a MACT or NSPS standard (K.A.R. 28-19-300(b)(A,B,&C))



Responses

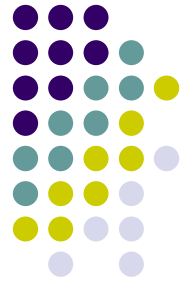
- Responses are issued when review determines that an approval or permit is not required
- A request for a response can be initiated by the applicant

Typical Steps for Obtaining a Permit



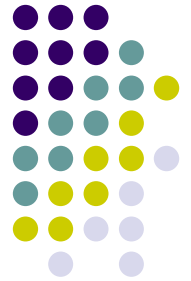
- Obtain construction permit application form from KDHE website at <http://www.kdhe.state.ks.us/air-permit/download.htm>
- Gather information needed to estimate capacities and estimate emissions from the proposed construction or modification
- Information on estimating emissions can be obtained at <http://www.epa.gov/ttn/chief/>
- Determine whether a permit, approval or response will be needed for the proposal

Emission Thresholds that require Permits (K.A.R. 28-19-300(a)(1))

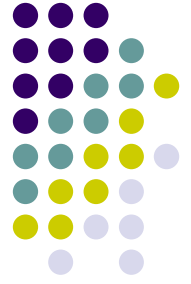


- 25 Tons/yr of PM or 15 Tons/yr of PM10
- 40 Tons/yr of SO₂
- 100 Tons/yr of CO
- 40 Tons/yr of VOC
- 40 Tons/yr of NO_x
- 0.6 Tons/yr of lead or lead compounds

Additional Permit Triggers



- Emission unit or stationary source is an affected source (acid rain)
- Emission unit or stationary source is a major source (10/25 Tons/yr) of Hazardous Air Pollutants (HAP)
- Emission unit or stationary source is an incinerator



Approval Thresholds

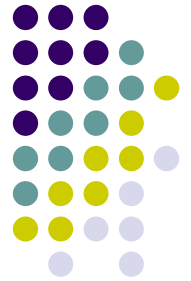
- 5 lb/hr of PM, or 2 lb/hr of PM10
- 2 lb/hr of SO₂
- 50 lb/24 hr of CO
- 50 lb/24 hr of VOC (15 in JO, WY counties)
- 50 lb/24 hr of NO_x
- 0.1 lb/hr of lead or lead compounds

Additional Approval Triggers



- KDHE notifies source that emissions need an approval due to nature or quantity of emissions
- A New Source Performance Standard Applies
- A MACT Standard Applies

Response may be Appropriate When:



- A permit or approval is not required under the regulations
- The facility needs a written document from KDHE confirming that a permit or approval is not required
- A permit or approval was applied for by the facility and the regulations do not require a permit or approval